UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

21839

7590

09/19/2007

BUCHANAN, INGERSOLL & ROONEY PC POST OFFICE BOX 1404 ALEXANDRIA, VA 22313-1404 EXAMINER

DOERRLER, WILLIAM CHARLES

ART UNIT PAPER NUMBER

3744

DATE MAILED: 09/19/2007

	APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
4.	10/501,770	11/17/2004	Robert Amin	031222-021	2945

TITLE OF INVENTION: PROCESS AND DEVICE FOR PRODUCTION OF LNG BY REMOVAL OF FREEZABLE SOLIDS

(1), APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700	\$300	\$0	\$1000	12/19/2007

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. WHIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

L'Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A: If the status is the same, pay the TOTAL FEE(S) DUE shown above.

The status above is to be removed, check box 5b on Part B - Hee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

IJI. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

MPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

企图图	Complete and ser		her with applicable	or <u>Fax</u>	Ma Cor P.O Ale (57)	il Stop ISSUE mmissioner for D. Box 1450 xandria, Virgi 1)-273-2885	· Patení nia 223	13-1450		1
app	TRUCTIONS: This	ed below or directed off	or transmitting the ISSU in the Patent, advance of the Patent, advance of the transition of the ISSU in Block 1, by (a	JE FEE and PUBLIC rders and notification a) specifying a new of	CATION OF THE CONTROL	ON FEE (if requirements of the contract of the	red). Blo ill be ma and/or (b	cks 1 through 5 shiled to the current o) indicating a sepa	nould be completed w correspondence addre rate "FEE ADDRESS	vhere ss as " for
			ock 1 for any change of address) /2007		Fee(s) Transmittal. This	s certifica paper, su	ite cannot be used fouch as an assignmen	r domestic mailings of or any other accompan nt or formal drawing,	ving
:	POST OFFICE I	INGERSOLL & 1 BOX 1404 VA 22313-1404	ROONEY PC		I her State addre trans	Cert reby certify that this es Postal Service w essed to the Mail smitted to the USPT	ificate of s Fec(s) ith suffic Stop ISS O (571)	Mailing or Transi Transmittal is being ient postage for firs SUE FEE address 273-2885, on the da	mission deposited with the Unit class mail in an enve above, or being facsi ate indicated below.	nited clope imile
						7.			(Depositor's n	ıame)
						∵			(Signa	ature)
									(1	Date)
	APPLICATION NO.	FILING DATE		FIRST NAMED INVEN	NTOR		ATTORN	IEY DOCKET NO.	CONFIRMATION NO).
St.	10/501,770	11/17/2004		Robert Amin			03	31222-021	2945	
	LE OF INVENTION	: PROCESS AND DEVI	CE FOR PRODUCTION	OF LNG BY REMO	OVAL	OF FREEZABLE	SOLIDS			•
ing ing	APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE	DUE	PREV. PAID ISSUE	FEE	TOTAL FEE(S) DUE	DATE DUE	
	nonprovisional	YES	\$700	\$300		\$0		\$1000	12/19/2007	
P.	EXAM	INER	ART UNIT	CLASS-SUBCLAS	s					
	DOERRLER, WIL	LIAM CHARLES	3744	062-541000		•				
CFF [/	Change of correspondence address or indication of "Fee Address" (37 FR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. 2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.									
3. A	3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)					—				
F F	LEASE NOTE: Unlecordation as set fort	ess an assignee is ident h in 37 CFR 3.11. Comp	ified below, no assignee bletion of this form is NO	data will appear on T	the pa	atent. If an assigno	ee is iden	tified below, the de	ocument has been file	d for
1076 2	PLEASE NOTE: Unless an assignce is identified below, no assignce data will appear on the patent. If an assignce is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)									
13169	Igase check the appropriate assignee category or categories (will not be printed on the patent):						ment			
141	The following fee(s) a Issue Fee	are submitted:	41	b. Payment of Fec(s): A check is enclo	•	se first reapply an	y previo	usly paid issue fee	shown above)	
	Publication Fee (N	o small entity discount p		Payment by cred	lit care					
	Advance Order - #	f of Copies		The Director is h overpayment, to	ereby Depos	authorized to charge sit Account Numbe	ge the req	quired fee(s), any de (enclose a	ficiency, or credit any n extra copy of this for	m).
_		tus (from status indicateds SMALL ENTITY state	· · · · · · · · · · · · · · · · · · ·	☐ b. Applicant is n					···· ·	<u> </u>
NO.	TE: The Issue Fee and	d Publication Fee (if req	uired) will not be accepte tes Patent and Trademark	d from anyone other t						rty in
				"		Date			· · · · · · · · · · · · · · · · · · ·	
2.						Registration N	o			
A IC.	This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.					cess) , and plete P.O. 1450,				



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	MED INVENTOR ATTORNEY DOCKET NO.		
10/501,770	11/17/2004	Robert Amin	031222-021	2945	
21839	7590 09/19/2007		EXAM	INER	
BUCHANAN,	INGERSOLL & RO	DOERRLER, WILLIAM CHARLES			
POST OFFICE I		ART UNIT	PAPER NUMBER		
ALEXANDRIA	, VA 22313-1404	3744			
			DATE MAILED: 09/19/2007		

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 354 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 354 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.